

Giora Simchen

List of Publications by Year in descending order

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33
papers

1,656
citations

361413

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377865

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docs citations

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times ranked

933
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutagenicity in haploid yeast meiosis resulting from repair of DSBs by the sister chromatid. <i>Current Genetics</i> , 2021, 67, 799-806.	1.7	3
2	Timing of appearance of new mutations during yeast meiosis and their association with recombination. <i>Current Genetics</i> , 2020, 66, 577-592.	1.7	4
3	Elevated Mutagenicity in Meiosis and Its Mechanism. <i>BioEssays</i> , 2019, 41, e1800235.	2.5	20
4	Trans-Lesion DNA Polymerases May Be Involved in Yeast Meiosis. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 633-644.	1.8	13
5	Meiotic Recombination Intermediates Are Resolved with Minimal Crossover Formation during Return-to-Growth, an Analogue of the Mitotic Cell Cycle. <i>PLoS Genetics</i> , 2011, 7, e1002083.	3.5	68
6	Commitment to meiosis: what determines the mode of division in budding yeast?. <i>BioEssays</i> , 2009, 31, 169-177.	2.5	45
7	Modulation of the transcription regulatory program in yeast cells committed to sporulation. <i>Genome Biology</i> , 2006, 7, R20.	9.6	63
8	Mammalian meiosis involves DNA double-strand breaks with 3' overhangs. <i>Chromosoma</i> , 2003, 111, 369-376.	2.2	22
9	Meiotic double-strand breaks in <i>Schizosaccharomyces pombe</i> . <i>Current Genetics</i> , 2000, 38, 33-38.	1.7	26
10	Sister chromatid-based DNA repair is mediated by RAD54, not by DMC1 or TID1. <i>EMBO Journal</i> , 1999, 18, 2648-2658.	7.8	122
11	Frequent Meiotic Recombination Between the Ends of Truncated Chromosome Fragments of <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 1999, 153, 1583-1590.	2.9	5
12	Multiple and Distinct Activation and Repression Sequences Mediate the Regulated Transcription of <i>IME1</i> , a Transcriptional Activator of Meiosis-Specific Genes in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 1998, 18, 1985-1995.	2.3	75
13	Switching yeast from meiosis to mitosis: double-strand break repair, recombination and synaptonemal complex. <i>Genes To Cells</i> , 1997, 2, 487-498.	1.2	65
14	Patterns of meiotic double-strand breakage on native and artificial yeast chromosomes. <i>Chromosoma</i> , 1996, 105, 276-284.	2.2	52
15	Patterns of meiotic double-strand breakage on native and artificial yeast chromosomes. <i>Chromosoma</i> , 1996, 105, 276-284.	2.2	5
16	A <i>Candida albicans</i> homolog of CDC25 is functional in <i>Saccharomyces cerevisiae</i> . <i>FEBS Journal</i> , 1993, 213, 195-204.	0.2	14
17	What determines whether chromosomes segregate reductionally or equationally in meiosis?. <i>BioEssays</i> , 1993, 15, 1-8.	2.5	63
18	[6] Monitoring meiosis and sporulation in <i>Saccharomyces cerevisiae</i> . <i>Methods in Enzymology</i> , 1991, 194, 94-110.	1.0	127

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19	Adenylyl cyclase activity of the fission yeast <i>Schizosaccharomyces pombe</i> is not regulated by guanylyl nucleotides. <i>FEBS Letters</i> , 1990, 261, 413-418.	2.8	13
20	IME1, a positive regulator gene of meiosis in <i>S. cerevisiae</i> . <i>Cell</i> , 1988, 52, 853-862.	28.9	316
21	Regulation of the RAD6 gene of <i>Saccharomyces cerevisiae</i> in the mitotic cell cycle and in meiosis. <i>Molecular Genetics and Genomics</i> , 1986, 203, 538-543.	2.4	33
22	Cloning and mapping of CDC40, a <i>Saccharomyces cerevisiae</i> gene with a role in DNA repair. <i>Current Genetics</i> , 1985, 9, 253-257.	1.7	50
23	Arrest of the mitotic cell cycle and of meiosis in <i>Saccharomyces cerevisiae</i> by MMS. <i>Molecular Genetics and Genomics</i> , 1985, 201, 558-564.	2.4	31
24	MUTATIONS LEADING TO EXPRESSION OF THE CRYPTIC HMR Δ LOCUS IN THE YEAST <i>SACCHAROMYCES CEREVISIAE</i> . <i>Genetics</i> , 1985, 109, 481-492.	2.9	9
25	Cloning and mapping of the RAD50 gene of <i>Saccharomyces cerevisiae</i> . <i>Molecular Genetics and Genomics</i> , 1984, 193, 525-531.	2.4	28
26	Elevated recombination and pairing structures during meiotic arrest in yeast of the nuclear division mutant <i>cdc5</i> . <i>Molecular Genetics and Genomics</i> , 1981, 184, 46-51.	2.4	24
27	MEIOTIC RECOMBINATION AND DNA SYNTHESIS IN A NEW CELL CYCLE MUTANT OF <i>SACCHAROMYCES CEREVISIAE</i> . <i>Genetics</i> , 1978, 90, 49-68.	2.9	47
28	DNA degradation and reduced recombination following UV irradiation during meiosis in yeast (<i>Saccharomyces cerevisiae</i>). <i>Molecular Genetics and Genomics</i> , 1976, 146, 55-59.	2.4	20
29	Recombination and hydroxyurea inhibition of DNA synthesis in yeast meiosis. <i>Molecular Genetics and Genomics</i> , 1976, 144, 21-27.	2.4	46
30	REGULATION OF MATING AND MEIOSIS IN YEAST BY THE MATING-TYPE REGION. <i>Genetics</i> , 1976, 82, 187-206.	2.9	179
31	Structure of DNA molecules in yeast meiosis. <i>Nature</i> , 1975, 257, 64-66.	27.8	7
32	Mating systems and population structure in two closely related species of the wheat group I. Variation between and within populations. <i>Heredity</i> , 1973, 30, 141-167.	2.6	50
33	Sectoring and recombination in illegitimate di-mon matings of <i>Schizophyllum commune</i> . <i>Heredity</i> , 1972, 29, 191-201.	2.6	10